

ABSTRACT OF THE DISCLOSURE

In a solid-state image pick-up device provided with a pixel for distinguishing a light source type in a predetermined region of the solid-state image pick-up device, a filter for transmitting a light having at least a wavelength of 505 nm to 530 nm is provided as a filter for distinguishing a light source type to be mounted on the pixel for distinguishing a light source type. It is more suitable that the filter for distinguishing a light source type should also transmit a light having a wavelength of 640 nm or more. Consequently, a sunlight and a fluorescent lamp can be distinguished from each other.

In addition, it is also possible to easily distinguish an ordinary type white fluorescent lamp from the daylight color, day white color and bulb color of a 3-wavelength type fluorescent lamp.